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| Application Number | |
| Confirmation Number | r Not Yet Assigned |
| T Filing Date | December 27, 2004 |
| First Named Inventor | Yutaka IGUCHI |
| Art Unit | Not Yet Assigned |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Nun | nber Q85436 |
| | Application Number Confirmation Number Filing Date First Named Inventor Art Unit Examiner Name |

| | | | U.S. | PATENT DOCUM | ENTS |
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| | | Document N | umber | | |
| Examiner Initials* | Cite No. ¹ | Number | Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
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|-----------|-------------|--|---------------------|--|------------------|---------------------------------|--------------------------|
| Examiner | Cite | Fo | reign Patent Docu | ment | Publication Date | Name of Patentee or | |
| Initials* | No.1 | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | Translation ⁶ |
| /AG/ | | JP | 9-172041 | Α | 06/30/1997 | Sumitomo Metal Mining Co., Ltd. | |
| /AG/ | | JР | 58-74064 | Α | 05/04/1983 | NEC Corp. | |
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| | | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------------------|--|--------------------------|
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| Examiner Signature | /Abiy Getachew/ | Date Considered | 00/3/1/2007 |
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¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ²Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

| Complete if Known | | | | |
|------------------------|----------------------------|--|--|--|
| Application Number | Based on PCT/JP2003/007916 | | | |
| Confirmation Number | Not Yet Assigned | | | |
| Filing Date | December 27, 2004 | | | |
| First Named Inventor | Yutaka IGUCHI | | | |
| Art Unit | Not Yet Assigned | | | |
| Examiner Name | Not Yet Assigned | | | |
| Attorney Docket Number | O85436 | | | |

| | | | U.S. 1 | PATENT DOCUME | CNTS |
|-----------|------|----------|-----------------------------------|------------------|---|
| Examiner | Cite | Document | Number | Publication Date | |
| Initials* | No.1 | Number | Kind Code ² (if known) | MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
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| Examiner | Cite | Fo | oreign Patent Docu | ment | Publication Date | Name of Patentee or | |
| Initials* | No.1 | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | Translation ⁶ |
| /AG/ | | J.P | 02091956 | Α | 03/30/1990 | | Abstract |
| /AG/ | | JР | 11297797 | A | 10/29/1999 | , | Abstract |
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| | | NON PATENT LITERATURE DOCUMENTS | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
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| Examiner Signature /Abiy Getachew/ Date Considered 08/31/2007 | |
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^{&#}x27;Applicant's unique citation designation number (optional). 'See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. 'S Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to indicate here if English language Translation is attached.

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|-------------------------------------|------------------------|-------------------|
| Substitute for Form 1449 A & B/PTO | Application Number | 10/519,144 |
| INFORMATION DISCLOSURE | Confirmation Number | 3196 |
| NOV 2 0 2006 STATEMENT BY APPLICANT | Filing Date | December 27, 2004 |
| JOY 2 0 2006 STATEMENT BY APPLICANT | First Named Inventor | Yutaka IGUCHI |
| 1 -4 | Art Unit | 2841 |
| gjuse as many sneets as necessary) | Examiner Name | Abiy GETACHEW |
| Sheet 1 of 1 | Attorney Docket Number | Q85436 |

| | | | U.S. PA | TENT DOCUM | IENTS |
|-----------------------|--------------|------------|-----------------------------------|------------------|---|
| <u> </u> | Cita | Document ! | Number | Publication Date | <u> </u> |
| Examiner Initials* | Çite No.' | Number | Kind Code ² (if known) | MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--------------------------|------------------------------|---------------------|--|------------------|-----------------------------|--------------------------|--|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date | Name of Patentee or | T - 1-1-1 | |
| | | Country Code ³ | Number ⁴ | Kind Code ⁸ (if known) | MM-DD-YYYY | Applicant of Cited Document | Translation ⁶ | |
| _/AG/_ | | JP | 2000-223795 | | 11-08-2006 | CASIO COMPUT CO LTD. | Abstract | |
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| NON PATENT LITERATURE DOCUMENTS | | | | | | | |
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| Examiner Signature | /Abiy Getachew/ | Date Considered | 08/31/2007 | |
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